

Listing of Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Amendments to the Claims:

1. (currently amended) An interface for an electronic device being coupled to a peripheral device, the interface comprising:
 - a configurable hardware interface, wherein the configurable hardware interface is resident in the electronic device and includes:
 - a programmable logic device (PLD);
 - a memory coupled to the PLD;
 - a control interface for controlling the PLD and the memory; and
 - a communication interface for receiving information from the peripheral device and enabling the control interface, the communication interface adapted to request a bitstream from the peripheral device responsive to a signal from the control interface; and
 - a storage component for storing a plurality of bitstreams that configure the configurable hardware interface to implement a driver of the peripheral device.
2. (original) The interface of Claim 1, wherein the storage component includes volatile memory.
3. (original) The interface of Claim 1, wherein the storage component includes static random access memory.
4. (original) The interface of Claim 1, wherein the communication interface includes one of a universal serial bus, a parallel port connector, a serial port connector, and a small computer system interface (SCSI).

5. (previously presented) The interface of Claim 1, wherein the communication interface establishes synchronous communication between the electronic device and the device.

6. (original) The interface of Claim 1, wherein the memory includes at least one lookup table.

7. (previously presented) The interface of Claim 1, further including at least one of an Ethernet interface, a modem interface, and a custom interface for communicating with the peripheral device.

8. (previously presented) A hardware implemented method of facilitating communication between two devices, the method comprising:

- identifying a host device, from the two devices, that controls communication between the two devices;

- identifying a peripheral device that accepts commands from the host device;

- storing a plurality of bitstreams in the host device, the plurality of bitstreams corresponding to drivers;

- determining whether one of the drivers is a driver of the peripheral device,

- wherein if one of the drivers is the driver of the peripheral device, then selecting that bitstream corresponding to the driver of the peripherals device,

- otherwise, directing the host device to receive a bitstream from the peripheral device; and

- configuring a programmable logic device (PLD) in the host device with the bitstream to implement the driver of the peripheral device.

9. (previously presented) The hardware implemented method of Claim 8, further including storing a plurality of designations in the PLD, wherein each designation corresponds to one of the plurality of bitstreams, wherein determining includes searching the plurality of designations.

10. (previously presented) The hardware implemented method of Claim 9, wherein the plurality of designations are stored in at least one lookup table.

11. (currently amended) The hardware implemented method of Claim 9, wherein each designation includes an addresses for one of the plurality of bitstreams stored in the host device, and wherein selecting includes accessing an address in the host device for the bitstream to implement the driver of the peripheral device.

12. (new) A method for configuring an interface, comprising:

- communicating a driver identifier from a first device to a second device;
- determining at the second device whether a first configuration bitstream associated with the driver identifier is stored in storage of the second device;
- communicating a bitstream request from the second device to the first device in response to the first bitstream being absent from the storage;
- transmitting, in response to the bitstream request, the first bitstream from the first device to the second device; and
- configuring a programmable logic device (PLD) on the second device with the first bitstream.

13. (new) The method of claim 12, further comprising, in response to the first bitstream being present in the storage, reading the first bitstream from the storage and configuring the PLD on the second device with the first bitstream.

14. (new) The method of claim 13, further comprising storing the first bitstream received from the first device in the storage on the second device.

15. (new) The method of claim 12, further comprising storing a plurality of configuration bitstreams and associated driver identifiers in the storage.